

MAY 19 2006

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**SCULLY, SCOTT, MURPHY  
& PRESSER**

# Fax

<b>To:</b>	Examiner: E. J. Wojciechowicz Art Unit: 2815	<b>From:</b>	Leslie S. Szivos, Ph.D.
<b>Fax:</b>	571-273-8300	<b>Pages:</b>	13 pages including fax cover sheet
<b>Phone:</b>		<b>Date:</b>	5/19/2006
<b>Re:</b>	U.S. Patent Appln. 10/751,831 Filed: January 5, 2004 Docket: FIS920030078US2 (16422A) Confirmation No. 3568	<b>CC:</b>	

## RESPONSE TO OFFICE ACTION

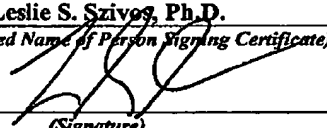
Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response Under 37 C.F.R. §1.111 (9 pages)
4. Certificate of transmission by facsimile dated May 19, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.  
Thank you.

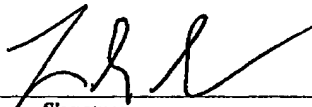
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MAY 19 2006

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No.	
Applicant(s): <b>Sadanand V. Deshpande, et al.</b>			<b>FIS920030078US2 (16422A)</b>	
Application No. <b>10/751,831</b>	Filing Date <b>January 5, 2004</b>	Examiner <b>E.J. Wojciechowicz</b>	Group Art Unit <b>2815</b>	
Invention: <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>				
<p>I hereby certify that this <u>AMENDMENT UNDER 37 CFR 1.111</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>May 19, 2006</u> (Date)</p> <p style="text-align: right;"><u>Leslie S. Szivos, Ph.D.</u> (Typed or Printed Name of Person Signing Certificate)</p> <p style="text-align: right;"> (Signature)</p>				
Note: Each paper must have its own certificate of mailing.				


P18/REV02

MAY 19 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>FIS920030078US2 (16422A)</b>	
Applicant(s): <b>Sadanand V. Deshpande et al.</b>						
Application No. <b>10/751,831</b>	Filing Date <b>January 5, 2004</b>	Examiner <b>E.J. Wojciechowicz</b>	Customer No. <b>23389</b>	Group Art Unit <b>2815</b>	Confirmation No. <b>3568</b>	
Invention: <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>						
<b>COMMISSIONER FOR PATENTS:</b>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	6 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 Signature			Dated: <b>May 19, 2006</b>			
<b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b> <b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b> <b>400 Garden City Plaza, Suite 300</b> <b>Garden City, New York 11530</b> <b>(516) 742-4343 (telephone)</b> <b>(516) 742-4366 (facsimile)</b>			<div style="border: 1px solid black; padding: 5px;">           I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____            (Date)            _____            Signature of Person Mailing Correspondence            _____            Typed or Printed Name of Person Mailing Correspondence         </div>			
CC:						

P11LARGE/REV09

MAY 19 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				<b>Docket No.</b> FIS920030078US2 (16422A)	
Applicant(s): <b>Sadanand V. Deshpande et al.</b>					
<b>Application No.</b> 10/751,831	<b>Filing Date</b> January 5, 2004	<b>Examiner</b> E.J. Wojciechowicz	<b>Customer No.</b> 23389	<b>Group Art Unit</b> 2815	<b>Confirmation No.</b> 3568
<b>Invention: STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>					
<b>COMMISSIONER FOR PATENTS:</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>
<b>TOTAL CLAIMS</b>	6 -	20 =	0	x \$50.00	\$0.00
<b>INDEP. CLAIMS</b>	2 -	3 =	0	x \$200.00	\$0.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 <i>Signature</i>					
<div style="display:flex; justify-content:space-between;"><div><b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b> <b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b> <b>400 Garden City Plaza, Suite 300</b> <b>Garden City, New York 11530</b> <b>(516) 742-4343 (telephone)</b> <b>(516) 742-4366 (facsimile)</b></div><div><b>Dated: May 19, 2006</b></div></div>					
<div style="display:flex; justify-content:space-between;"><div><b>CC:</b></div><div style="border:1px solid black; padding:5px; width:450px;"><div style="border-bottom:1px solid black; margin-bottom:5px;"><i>(Date)</i></div><div style="border-bottom:1px solid black; margin-bottom:5px;"><i>Signature of Person Mailing Correspondence</i></div><div style="border-bottom:1px solid black;"><i>Typed or Printed Name of Person Mailing Correspondence</i></div></div></div>					

P11LARGE/REV09

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Sadanand V. Deshpande, et al.      **Examiner:** E. J. Wojciechowicz  
**Serial No:** 10/751,831      **Art unit:** 2815  
**Filed:** January 5, 2004      **Docket:** FIS920030078US2 (16422A)  
**Title:** STI STRESS MODIFICATION BY  
NITROGEN PLASMA TREATMENT FOR  
IMPROVING PERFORMANCE IN SMALL  
WIDTH DEVICES      **Dated:** May 19, 2006

**Confirmation No.: 3568**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated February 24, 2006, Applicants respectfully request that the following amendments and remarks be entered into the record of the above-identified patent application.

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**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

Dated: May 19, 2006

  
\_\_\_\_\_  
Leslie S. Szivos, Ph.D.